

What is claimed is:

1. A light emitting module comprising means for adjusting luminance of a light emitting element according to environmental illuminance sensed by a sensor section and for keeping a ratio of the luminance to the environmental illuminance at a constant value.

2. A light emitting module comprising:

a light emitting device comprising a pixel section and a sensor section which are formed on the same insulating body;

a correction circuit connected to the light emitting device; and

means for adjusting luminance of a light emitting element of the pixel section according to environmental illuminance sensed by the sensor section and for keeping a ratio of the luminance to the environmental illuminance at a constant value by the correction circuit.

3. A light emitting module according to claim 1, wherein the sensor section includes a thin film photodiode.

4. A light emitting module according to claim 2, wherein the sensor section includes a thin film photodiode.

5. A light emitting module comprising:

a light emitting device comprising a pixel section and a sensor section which are formed on the same insulating body; and

a correction circuit connected to the light emitting device,
wherein the pixel section comprises a thin film light emitting element,
and
wherein the sensor section includes a thin film photodiode.

6. A light emitting module comprising:
a light emitting device comprising a pixel section, a driving circuit,
and a sensor section which are formed on the same insulating body; and
a correction circuit connected to the light emitting device,
wherein the pixel section includes a thin film light emitting element,
and
wherein the sensor section includes a thin film photodiode.

7. A light emitting module according to claim 2, wherein the correction circuit
comprises an arithmetic circuit for calculating the luminance of the light emitting
element based on a signal transmitted from the sensor section.

8. A light emitting module according to claim 5, wherein the correction circuit
comprises an arithmetic circuit for calculating the luminance of the light emitting
element based on a signal transmitted from the sensor section.

9. A light emitting module according to claim 6, wherein the correction circuit
comprises an arithmetic circuit for calculating the luminance of the light emitting
element based on a signal transmitted from the sensor section.

10. A light emitting module according to claim 3, wherein the light emitting element and the thin film diode are electrically connected to a transistor.

11. A light emitting module according to claim 4, wherein the light emitting element and the thin film diode are electrically connected to a transistor.

12. A light emitting module according to claim 5, wherein the light emitting element and the thin film photodiode are electrically connected to a transistor.

13. A light emitting module according to claim 6, wherein the light emitting element and the thin film photodiode are electrically connected to a transistor.

14. A light emitting module according to claim 10, wherein the transistor is a bottom gate type thin film transistor.

15. A light emitting module according to claim 11, wherein the transistor is a bottom gate type thin film transistor.

16. A light emitting module according to claim 12, wherein the transistor is a bottom gate type thin film transistor.

17. A light emitting module according to claim 13, wherein the transistor is a bottom gate type thin film transistor.

18. A light emitting module according to claim 1, wherein the light emitting

element is an EL element.

19. A light emitting module according to claim 2, wherein the light emitting element is an EL element.

20. A light emitting module according to claim 5, wherein the light emitting element is an EL element.

21. A light emitting module according to claim 6, wherein the light emitting element is an EL element.

22. A light emitting module according to claim 1, wherein the light emitting module is included in one of a portable telephone, a video camera, a digital camera, a computer, and a portable telephone.

23. A light emitting module according to claim 2, wherein the light emitting module is included in one of a portable telephone, a video camera, a digital camera, a computer, and a portable telephone.

24. A light emitting module according to claim 5, wherein the light emitting module is included in one of a portable telephone, a video camera, a digital camera, a computer, and portable telephone.

25. A light emitting module according to claim 6, wherein the light emitting module is included in one of a portable telephone, a video camera, a digital camera, a

computer, and a portable telephone.

26. A light emitting module according to claim 1, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a reset TFT, a buffer TFT, and a constant current TFT.

27. A light emitting module according to claim 2, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a reset TFT, a buffer TFT, and a constant current TFT.

28. A light emitting module according to claim 5, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a reset TFT, a buffer TFT, and a constant current TFT.

29. A light emitting module according to claim 6, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a reset TFT, a buffer TFT, and a constant current TFT.

30. A light emitting module according to claim 1, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a first reset TFT, a buffer TFT, a load capacitance, and a second reset TFT.

31. A light emitting module according to claim 2, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a first reset TFT, a buffer TFT, a load capacitance, and a second reset TFT.

32. A light emitting module according to claim 5, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a first reset TFT, a buffer TFT, a load capacitance, and a second reset TFT.

33. A light emitting module according to claim 6, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a first reset TFT, a buffer TFT, a load capacitance, and a second reset TFT.

34. A light emitting module according to claim 1, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a reset TFT, a buffer TFT, and a load resistance or a load capacitance.

35. A light emitting module according to claim 2, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a reset TFT, a buffer TFT, and a load resistance or a load capacitance.

36. A light emitting module according to claim 5, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a reset TFT, a buffer TFT, and a load resistance or a load capacitance.

37. A light emitting module according to claim 6, wherein said sensor section comprises at least one optical sensor comprising a photodiode, a reset TFT, a buffer TFT, and a load resistance or a load capacitance.

38. A light emitting module according to claim 1, wherein said sensor section comprises at least one optical sensor comprising a photodiode and a reset TFT.

39. A light emitting module according to claim 2, wherein said sensor section comprises at least one optical sensor comprising a photodiode and a reset TFT.

40. A light emitting module according to claim 5, wherein said sensor section comprises at least one optical sensor comprising a photodiode and a reset TFT.

41. A light emitting module according to claim 6, wherein said sensor section comprises at least one optical sensor comprising a photodiode and a reset TFT.

42. A method for driving a light emitting module, said method comprising the steps of:

adjusting luminance of a light emitting element according to environmental illuminance sensed by a sensor section; and

keeping a ratio of the luminance to the environmental illuminance at a constant value.

43. A method for driving a light emitting module which comprises a light emitting device comprising a pixel section and a sensor section which are formed on the same insulating body and a correction circuit connected to the light emitting device, said method comprising the steps of:

adjusting luminance of the light emitting element of the pixel section according to environmental illuminance sensed by the sensor section; and

keeping a ratio of the luminance to the environmental illuminance at a constant value by correction circuit.

44. An electronic device comprising at least one electro luminescence display device, said display device comprising:

a substrate;

at least one pixel comprising an electro luminescence element;

at least one first thin film transistor disposed at said pixel for selecting said pixel;

at least one second thin film transistor disposed at said pixel for supplying an electric current through said electro luminescence element;

a data signal side driver circuit for supplying a data signal to said pixel;

a gate signal side driver circuit electrically connected to a gate electrode of said first thin film transistor, wherein each of said data signal side driver circuit and said gate signal side driver circuit comprises third thin film transistors formed over said substrate; and

a sensor section for sensing a light intensity of an environment formed over said substrate, wherein said sensor comprises a photodiode and at least one fourth thin film transistor;

a correction circuit for receiving an output signal from said sensor section and correcting luminance of said electro luminescence element in accordance with said output signal.

45. An electronic device according to claim 44, wherein said correction circuit is provided over said substrate.

46. An electronic device according to claim 44 wherein said electric device is one of a portable telephone, a video camera, a digital camera, a computer, and portable telephone.

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